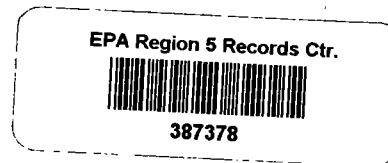


**United States Environmental Protection Agency  
Region V  
POLLUTION REPORT**

**Date:** Tuesday, March 08, 2011  
**From:** Brian Kelly, On-Scene Coordinators



<b>To:</b> Jason El-Zein, U.S. EPA Beverly Kush, U.S. EPA Carol Ropski, U.S. EPA Bill Messenger, U.S. EPA Cheryl McIntyre, U.S. EPA Jane Mackey, Congressman Conyers Tracy Kecskemeti, MDNRE Robert Ratz, Wayne County Jack Ghannam, Wayne County Milton Scales, MDNRE - EMC Pat Thornton, MDNRE Duty Officer, NRC Scott Ross, City of Gibraltar Michael Browning, START Alex Clark, Weston Solutions Dan Yordanich, MDEQ	Linda M. Nachowicz, U.S. EPA David Chung, U.S. EPA - HQ Jeff Kelley, U.S. EPA Steve Kaiser, U.S. EPA ORC John Maritote, U.S. EPA Michael Chezik, U.S. DOI Eric Anderson, Wayne County Carolyn Parker, MDNRE Joe Walczak, MDNRE - EMC Bruce VanOtteren, MDNRE - EMC Jim Bakun, MDNRE Bob Burns, Detroit River Riverkeeper Kathleen LaPointe, City of Gibraltar Patricia Krause, U.S. EPA Laura Verona, DNRE Patrick Hamblin, U.S. EPA
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**Subject:** Final POLREP  
Former McLouth Steel Gibraltar-Complex Site  
15701 Vreeland Road, Gibraltar, MI  
Latitude: 42.1120159  
Longitude: -83.2105050

<b>POLREP No.:</b> 5	<b>Site #:</b> B5QW
<b>Reporting Period:</b>	<b>D.O. #:</b> 0039
<b>Start Date:</b> 3/2/2010	<b>Response Authority:</b> CERCLA
<b>Mob Date:</b> 3/2/2010	<b>Response Type:</b> Time-Critical
<b>Demob Date:</b> 3/1/2011	<b>NPL Status:</b> Non NPL
<b>Completion Date:</b> 3/1/2011	<b>Incident Category:</b> Removal Action
<b>CERCLIS ID #:</b> MIN000510362	<b>Contract #</b> EP-S5-08-02
<b>RCRIS ID #:</b>	

**Site Description**

The Former McLouth Steel Gibraltar-Complex site is located in Gibraltar, Wayne County, Michigan; - 42 degrees°, 6 minutes", 300 seconds' latitude and 83°, 12", 0' longitude.

The site consists of three landfills - two on the east side of the site: landfills 1A and 1B; and one on the west side of the site Countywide. The site is bisected by a creek, the Frank and Poet Drain that empties into the Detroit River located 3 tenths of a mile from the site. The Humbug Marsh, part of the U.S. Fish and Wildlife's Detroit River International Wildlife Refuge, is directly adjacent.

Leachate from landfills 1A and 1B use a treatment system operated by the responsible party (RP). Leachate from Countywide was trucked off site for disposal by EPA - this task ceased on March 1, 2011. Prior to EPA's involvement, Countywide leachate was trucked off site by Michigan Department of Natural Resources and Environment (DNRE). DNRE has resumed disposal of the leachate.

At the request of DNRE, EPA proposed designing and constructing a leachate treatment system and transfer line for the landfills. After evaluating the cost to construct and operate a system that would meet NPDES requirements, it was determined by EPA and DNRE that off site hauling was a less expensive alternative.

During the summer of 2010, EPA constructed a collection system with perpendicular side collectors, filled the eastern and western leachate ponds with stone and covered them with clay, installed a loading pipe with level indicator, leveled and graded the cap, and seeded the exposed areas of Countywide. Three aerators were added to the 1A and 1B treatment system.

Based on the need for a final remedy to cap the landfills, close the treatment ponds, find an alternative leachate disposal method, and conduct long-term remedial action to minimize and dispose of leachate, EPA also collected environmental data to assist with National Priorities List (NPL) consideration.

### **Current Activities**

During the winter of 2010, EPA conducted sampling of the wastewater treatment ponds and a leachate seepage where soil staining was observed; EPA met with DNRE and Wayne County to discuss work conducted by EPA to date, and to discuss the next steps for the site given the imminent completion of the EPA removal action; the site was also referred to the EPA Remedial and DNRE Superfund programs.

On March 1, 2011, EPA completed the removal action and transitioned the site back to DNRE.

### **Planned Removal Actions**

None

### **Next Steps**

The site is beyond the scope of the Removal program and should be considered for the NPL. EPA Removal Branch will provided DNRE and EPA Remedial with a final report detailing sample results for the data collected in late 2010/early 2011.

### **Key Issues**

While the responsible party continues to operate the treatment system for landfills 1A and 1B, EPA has been unable to reach agreement with the RP or any other entity to continue this operation in the long-term.

Countywide was recently posted for foreclosure by Wayne County.

#### Estimated Costs \*

	Budgeted	Total To Date	Remaining	% Remaining
<b>Extramural Costs</b>				
ERRS - Cleanup Contractor	\$1,973,802.00	\$1,749,159.00	\$224,643.00	11.38%
TAT/START	\$75,000.00	\$64,870.39	\$10,129.61	13.51%
<b>Intramural Costs</b>				
<b>Total Site Costs</b>	<b>\$2,048,802.00</b>	<b>\$1,814,029.00</b>	<b>\$234,773.00</b>	<b>11.46%</b>

\* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

#### Disposition of Wastes

Waste Stream	Quantity	Manifest #	Disposal Facility
high pH leachate with phenols	7,429,429 gallons		Advanced Resource Recovery. Inkster, Michigan

[www.epaosc.org/Formal\\_McLouth\\_Steel\\_Gibraltar-Complex](http://www.epaosc.org/Formal_McLouth_Steel_Gibraltar-Complex)